# Name, Date and Time Specification

You can use a name, a date, a time or a range of names, dates and times to select Natural library objects, system messages, command processor sources, FDTs and Natural-related objects.

Below is information on the specification options provided for:

- Name
- Date
- Time

## Name

You can specify a name or a range of names.

In the list of options below, *value* is any combination of one or more characters:

|  | Input | Selected Items |
|---|---|---|
|  | *value* | A single item. |
|  | *<br>> | All items. |
|  | ? | All items with any single character for each question mark (?) entered. |
| Leading Characters | *value** | All items whose names begin with *value*.<br><br>Example: AB*<br>Selected: AB, AB1, ABC, ABEZ<br>Not selected: AA1, ACB |
| Wildcard | *value*? | All items whose names begin with *value* and end with any single character for each question mark (?) entered.<br><br>Example: ABC?<br>Selected: ABCA, ABCZ<br>Not selected: AXC, ABCAA |
|  | *value*?*value*?<br>*value***value*?<br>**value*?*value** | Asterisks (*) and question marks (?) can be combined in any order.<br><br>Example: A?C*Z<br>Selected: ABCZ, AXCBBBZ, ANCZ<br>Not selected: ABDEZ, AXCBBBZA |
| Start Value | *value*> | All items whose names are greater than or equal to *value*.<br><br>Example: AB><br>Selected: AB, AB1, BBB, ZZZZZZZ<br>Not selected: AA1, AAB |
| End Value | *value*< | All items whose names are less than or equal to *value*.<br><br>Example: AX<<br>Selected: AB, AWW, AX<br>Not selected: AXA, AY |

**Note**:
The parameter specification option New Value only allows leading characters (asterisk (*) notation). See Rules for New Values in Set Global Parameters (Settings).

# Date

All date values within the Object Handler are specified in international date format.

You can specify a date, a range of dates, a special date or a range of special dates. A date must be specified in the format *YYYY-MM-DD* (*YYYY* = year, *MM* = month, *DD* = day).

In the list of options below, *value* is any combination of one or more numbers:

| | Input Value | Specification |
|---|---|---|
| Date | *YYYY-MM-DD* | Precise date.<br><br>Example: 2001-02-15 |
| Leading characters | *value** | All items whose dates begin with *value*.<br><br>Example: 2001*<br>Selected: 2001-01-01, 2001-12-31<br>Not selected: 2000-12-31, 2002-01-01 |
| Start value | *value>* | All items whose dates are greater than *value*.<br><br>Example: 2001-05><br>Selected: 2001-05-01, 2001-12-31, 2002-01-01, 2002-12-31<br>Not selected: 2001-04-31, 2000-12-31<br><br>Special dates can be used as *value*. |
| End value | value< | All items whose dates are less than *value*.<br>Example: 2001-02<<br>Selected: 2000-05-01, 2000-12-31, 2001-01-01, 2001-01-31<br>Not selected: 2001-02-01, 2001-05-18<br><br>Special dates can be used as *value*. |
| **Special Dates** | | |
| <u>TO</u>DAY (+/-*nnnn*) | | The date of the current day.<br>The day can be followed by **+*nnnn***<br>or **-*nnnn*** where *nnnn* is the maximum of 4 numeric digits.<br>The resulting date is computed as the date of the current day plus or minus *nnnn* days.<br>Example: current date is 2001-03-01<br>TODAY +5 results in 2001-03-06 |
| <u>YES</u>TERDAY | | The date of the day before the current day. |
| <u>MONTH</u> | | The date range of the current month.<br><br>FMDATE:<br>Starts with the first day of the current month.<br><br>TODATE:<br>Ends with the last day of the current month.<br><br>If the values of FMDATE and TODATE are identical, the selection is restricted to one day. |
| <u>YEAR</u> | | The date range of the current year.<br>FMDATE:<br>Starts with the first day of the current year.<br>TODATE:<br>Ends with the last day of the current year.<br>If the values of FMDATE and TODATE are identical, the selection is restricted to one year. |

**Note**:
The parameter specification option New Value only allows leading characters (asterisk (*) notation). See Rules for New Values in Set Global Parameters (Settings).

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# Time

You can specify a time or a range of time. The time must be specified in the format *HH:II:SS* (*HH* = hours, *II*= minutes, *SS* = seconds).

In the list of options below, *value* is any combination of one or more numbers:

|  | **Input Value** | **Selection** |
|---|---|---|
| Time | *HH:II:SS* | Precise Time.<br><br>Example: 14:15:16 |
| Leading characters | *value*\* | All items for the time frame indicated by the *value* before the asterisk are selected.<br><br>Example: 13:\*<br>Selected: 13:00:00, 13:10:53, 13:59:59<br>Not selected: 12:59:59, 14:00:00 |